CORELITE™

DESCRIPTION

Corelite's Traverse Wall Mount is an asymmetric direct-indirect fluorescent luminaire that features a rugged aluminum construction, sleek modern styling and the new High Efficiency Louver, which offers up to 7% greater efficiency. Our Slide-N-Lock(TM) optics accessory allows the designer to adjust the amount of uplight and downlight for a particular application. The Traverse Wall may be mounted over standard 2"x4" J-Boxes for individual or continuous configuration using 4' and 8' modular sections. The Traverse Wall is suited for open office perimeters, private offices, conference rooms, corridors and public spaces.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

A ... Construction
Housing is 6063 T5 aluminum extrusion forming a 2-7/8" rectangular profile. Standard 4'-0" and 8'-0" fixture lengths combine for continuous runs.

B ... End Caps
Standard end caps are precision die-cast aluminum, mechanically attached without exposed fasteners.

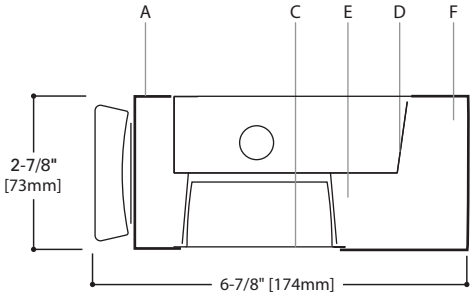
C ... Louver
A continuous 93% reflective painted white aluminum 1-1/4" blades spaced 2-1/4" on-center with a 2-3/4" opening.

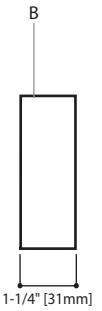
D ... Reflectors
Reflector pan is painted with a highly reflectance white powder coat finish. Optional die-formed side reflector is a highly specular anodized aluminum.

E ... Electrical
Fixtures are prewired with quick wire connectors and use UL listed Class P, T5HO program rapid start universal voltage electronic ballasts. Power factor of 97% with less than 10% THD. Fixtures and electrical components certified to UL and CUL standards.

F ... Finish
Fixture housings are standard white using electrostatically applied polyester powder coat paint.

Mounting
Fixture mounts directly to existing structure over a 2" x 4" standard electrical box mounted horizontally into the wall. Refer to installation section for details.





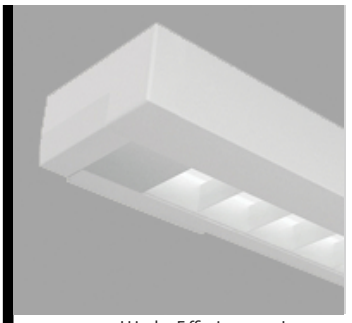
End Cap Side View

MODULES AND DIMENSIONS*

48" [1219mm]

96" [2438mm]

*Dimensions do not include end caps.



High Efficiency Louver

Traverse Wall

1T5HO

Wall Mount
Direct/Indirect

Light Distribution
Indirect - 68.2%
Direct - 31.8%

SLIDE-N-LOCK™

ORDERING INFORMATION

Sample Number: TW-WW-1T5-1C-UNV-SU-WA-8

Series
TW= Traverse Wall

Optics Up
S= Specular
W= White

Optics Down
W= High Efficiency Louver

Number of Lamps
1= 1 Lamp

Lamp Type
T5= 54W T5 HO (4' unit)

Number of Circuits [1]
1= 1 Circuit

Wiring [1]
C= Standard Circuit
D= Dimming
E= Emergency
B= Battery Pack
T= Nightlight
Y= Daylight

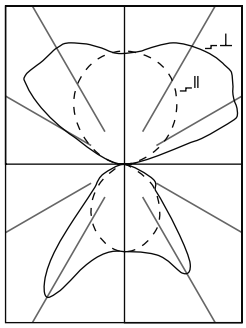
Voltage [1]
120= 120V
277= 277V
347= 347V
UNV= Universal (120V-277V)

Suspension
SU-WA= Surface/Wall Mount

Run Length
Individually Mounted
Luminaires may be 4' or 8' in length
Continuously Mounted
Standard row configurations over 8' consist of 4' and 8' sections

Options
Slide-N-Lock™
DL1
DL2
DL3
DL4
DL5
DL6
DL7
DL8

Notes: 1 Not all options available. Please consult your Cooper Lighting Representative for availability. Specifications and dimensions subject to change without notice.



TW-WW-1T5
(1) FP54/841/HO
4500 Lumens

Efficiency 90.8%

Test Report
#CTL17916

Coefficients of Utilization

Effective floor cavity reflectance 20%

rc	80%				70%				50%			30%			10%			0%
rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	87	87	87	87	79	79	79	79	63	63	63	48	48	48	34	34	34	28
1	80	77	74	72	72	70	67	64	56	54	53	43	42	41	31	31	30	25
2	74	58	63	59	66	62	58	54	50	47	45	39	37	36	29	28	27	22
3	68	61	55	51	61	55	50	47	45	41	39	35	33	31	26	25	21	20
4	62	54	48	43	56	49	44	40	40	36	33	31	29	27	23	22	21	17
5	57	47	42	37	51	44	38	34	36	32	29	28	25	23	21	20	18	15
6	53	43	37	32	47	39	34	30	32	28	25	25	23	21	19	17	16	13
7	48	39	32	28	44	35	30	26	29	25	22	23	20	18	17	16	14	12
8	45	35	28	24	40	32	26	22	26	22	19	21	18	16	16	14	12	10
9	41	31	25	21	37	29	23	19	23	19	17	19	16	14	14	12	11	09
10	38	28	22	18	34	26	21	17	21	17	15	17	14	12	13	11	09	08

Candela

Angle	Along II	45°	Across I
0	477	477	477
5	474	474	476
15	442	467	504
25	394	464	618
35	330	525	592
45	248	358	270
55	130	147	203
65	31	45	90
75	11	14	22
85	2	3	3
90	0	0	0
95	19	45	41
105	94	396	278
115	194	510	673
125	299	599	717
135	396	635	764
145	478	658	750
155	543	656	719
165	589	635	663
175	611	611	609
180	607	607	607

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0-30	484	9.7	10.7
0-40	777	15.5	17.1
0-60	1210	24.2	26.6
0-90	1444	28.9	31.8
40-90	503	11.1	13.2
60-90	82	1.8	2.1
90-180	3097	61.9	68.2
0-180	4541	90.8	100.0

Luminance Data

Angle in Deg	0-Deg cd/sm	45-Deg cd/sm	90-Deg cd/sm
45	1380	1874	2286
55	1286	1205	1884
65	846	9331	5111
75	434	495	1108
85	56	130	629

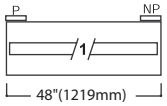
COMMON CIRCUIT CONFIGURATIONS

1C=Single circuit luminaire
1E=Single circuit luminaire with emergency circuit (generator)
1B=Single circuit luminaire with battery pack

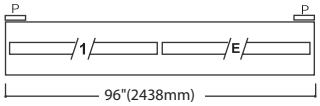
/1/ =Circuit 1
/E/ =Emergency Circuit
/B/ =Battery Circuit

P =Power Mount
NP =Non-Power Mount

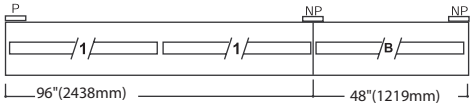
1C



1E



1B



STANDARD ROW CONFIGURATIONS

FIXTURE LENGTH	4'	8'	12'	16'	20'	24'	28'	32'	36'	40'	44'	48'	52'	56'	60'	64'	68'	72'	76'	80'	84'	88'	92'	96'	100'	104'	108'
4'	1		1		1		1		1		1		1		1		1		1		1		1		1		1
8'		1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13